

## Claims

1. An optical transmitter, comprising:
  - a light emitting element that outputs signal light subjected to light intensity modulation; and
  - a control unit that increases an average optical output of the light emitting element when the environmental temperature in the vicinity of the light emitting element increases.
2. The optical transmitter according to claim 1, wherein the control unit controls average driving current of the light emitting element.
3. The optical transmitter according to claim 2, wherein the control unit controls the average driving current in accordance with the environmental temperature in the vicinity of the light emitting element and the average optical output of the light emitting element.
4. The optical transmitter according to claim 1, wherein the control unit controls the average driving current based on only the data corresponding to the environmental temperature in the vicinity of the light emitting element.